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Brochure

2010: Disentangling the Genetics of Alcoholism:  
Understanding Pathophysiology and Improving  
Treatment

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2010

# Disentangling the Genetics of Alcoholism: Understanding Pathophysiology and Improving Treatment Brochure

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Marking Our 10<sup>th</sup> Year

Midwest  
Alcoholism  
Research Center  
presents


The 10th Annual  
**Guze Symposium on Alcoholism**

Disentangling the Genetics of Alcoholism:  
Understanding Pathophysiology and Improving Treatment

Thursday, February 18, 2010

 **Washington**  
University in St. Louis  
SCHOOL OF MEDICINE

Marking Our 10<sup>th</sup> Year

 **Washington**  
University in St. Louis  
SCHOOL OF MEDICINE  
Midwest Alcoholism Research Center  
Campus Box 8134  
660 S. Euclid Ave.  
St. Louis, MO 63110

# The 10th Annual Guze Symposium on Alcoholism

## In Memory of Samuel B. Guze, MD

Samuel B. Guze, MD, was a pioneer in the field of alcoholism research. He joined the Washington University School of Medicine faculty in 1951, served as vice chancellor and president of the Medical Center from 1971 to 1989, and headed the Department of Psychiatry from 1975 to 1989 and again from 1993 to 1997. Dr. Guze was highly respected as a researcher, an administrator and a leader in the field of psychiatry.

**Thursday, February 18, 2010**

## Eric P. Newman Education Center

320 S. Euclid Ave., St. Louis MO 63110

**Poster Viewing:** 8:00 am – 5:30 pm

**Registration and Continental Breakfast:** 8:00 – 8:45 am

**Lectures:** 8:45 – 10:30 am

**Break:** 10:30 – 10:45 am

**Lectures:** 10:45 am – noon

**Lunch:** noon – 12:30 pm

**Poster Session:** 12:30 – 1:30 pm

**Lectures:** 1:30 – 3:00 pm

**Break:** 3:00 – 3:15 pm

**Lectures:** 3:15 – 4:45 pm

## About the Symposium

Presenters at the symposium will include experts on research related to alcoholism, genetics and treatment. Topics will include:

- Alcoholism treatment including genetic moderators of response
- Mechanisms to target for treatment
- Impulsivity and alcoholism
- Models of ethanol drinking and reward
- Low response to alcohol as a genetic risk factor
- Neurobehavioral characteristics of adolescent drinking

Posters are displayed throughout the day and will feature the latest scientific findings.

## Meeting Award Opportunities

Limited numbers of meeting awards are available to NIAAA and other pre- and post-doctoral trainees as well as community-based individuals. The awards are intended to help defray costs associated with attendance at the symposium for those who would otherwise not be able to attend. Research awardees are expected to present a scientific poster. The application and registration brochure can be accessed from our web site at [www.alcoholdependence.org](http://www.alcoholdependence.org) or by e-mailing requests to [GuzeSymp@psychiatry.wustl.edu](mailto:GuzeSymp@psychiatry.wustl.edu). Award applications must be received by December 31, 2009.

## Midwest Alcoholism Research Center

The Midwest Alcoholism Research Center (MARC) is one of 24 Alcohol Research Centers funded by the U.S. National Institutes of Health. MARC is a multisite Alcohol Research Center, with participating investigators from two leading Midwest research universities — Washington University (the lead institution) and the University of Missouri-Columbia, and from additional collaborators, Queensland Institute of Medical Research, Brisbane, Australia; the University of Iowa, Iowa City, Iowa; and Palo Alto Veterans Administration, Palo Alto, California. Its research programs include statewide, national and international projects.

## Sponsor

This activity is sponsored by Washington University School of Medicine, Continuing Medical Education.

## Support

This activity is supported by grant AA013717 from the National Institute on Alcohol Abuse and Alcoholism.

## Disclosure Policy

It is the policy of Washington University School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational activities. All speakers participating in this activity are expected to disclose to the audience any financial interest or other relationship he/she has with the manufacturer(s) of any commercial product(s) discussed in an educational presentation.

## Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Washington University School of Medicine, Continuing Medical Education and the Midwest Alcoholism Research Center. Washington University is accredited by the ACCME to provide continuing medical education for physicians. Washington University designates this educational activity for a maximum of *7.0 AMA PRA Category 1 Credits*.™ Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Continuing Education Units**—Please refer to the registration form for specific information regarding the CEUs offered. Social work CEUs are available. For psychologists, the Missouri State Committee of Psychologists will accept the number of credits assigned by the AMA-CME.

The **10th Annual**  
**Guze Symposium on Alcoholism**  
**Disentangling the Genetics of Alcoholism:**  
**Understanding Pathophysiology and Improving Treatment**

Thursday, February 18, 2010

Washington University Medical Center, St. Louis, MO, USA

Lectures, Poster Session and Reception: Eric P. Newman Education Center

Midwest Alcoholism Research Center (MARC) web site:

[www.alcoholdependence.org](http://www.alcoholdependence.org)

8:00 – 8:45 am

**Registration, Continental Breakfast and Poster Viewing**

8:45 – 9:00 am

**Mark S. Wrighton, PhD**

*Introductory Remarks*

Chancellor

Washington University, St. Louis, MO

**Charles F. Zorumski, MD**

*Introductory Remarks*

Samuel B. Guze Professor and Head, Psychiatry

Professor, Anatomy and Neurobiology

Washington University School of Medicine, St. Louis, MO

9:00 – 9:45 am

**John C. Crabbe, PhD**

*Low responses to alcohol as potential predictors of*

*genetic risk for alcohol use disorders*

Professor of Behavioral Neuroscience

Director, Portland Alcohol Research Center

Oregon Health & Science University, Portland

Senior Research Career Scientist

Portland VA Medical Center, OR

9:45 – 10:30 am

**Linda P. Spear, PhD**

*Adolescence: Neurobehavioral characteristics,*

*differential alcohol sensitivities and intake*

Distinguished Professor

Department of Psychology, Binghamton University and

Developmental Exposure to Alcohol Research Center

State University of New York, Binghamton

10:30 – 10:45 am

**Break**

10:45 – 11:30 am

**Christopher L. Cunningham, PhD**

*Models of ethanol drinking and reward:*

*Are we studying the right things?*

Professor of Behavioral Neuroscience

Portland Alcohol Research Center

Oregon Health & Science University, Portland

11:30 – noon

**Panel Discussion with Question-and-Answer Session**

**Discussant: Christina Lessov-Schlaggar, PhD**

Assistant Professor of Psychiatry

Midwest Alcoholism Research Center

Washington University School of Medicine, St. Louis, MO

noon – 12:30 pm

**Lunch (Great Rooms A and B)**

12:30 – 1:30 pm

**Staffed Poster Session (Lobby Atrium)**

1:30 – 2:15 pm

**Danielle M. Dick, PhD**

*Deconstructing impulsivity and its relationship to*

*alcohol use disorders*

Assistant Professor of Psychiatry, Psychology, and

Human and Molecular Genetics

Virginia Institute for Psychiatric and Behavioral Genetics

Virginia Commonwealth University, Richmond

2:15 – 3:00 pm

**Markus A. Heilig, MD, PhD**

*Getting the buzz or curing the blues:*

*mechanisms to target for treatment of alcoholism*

Clinical Director, NIAAA

Chief, Laboratory of Clinical and Translational Studies (LCTS)

National Institute on Alcohol Abuse and Alcoholism

National Institutes of Health, Baltimore, MD

3:00 – 3:15 pm

**Break**

3:15 – 4:00 pm

**Henry R. Kranzler, MA, MD**

*Medications to treat alcoholism and*

*genetic moderators of response*

Professor of Psychiatry and Genetics and

Developmental Biology

Associate Scientific Director, Alcohol Research Center

University of Connecticut School of Medicine,

Farmington

4:00 – 4:30 pm

**Questions and Panel Discussion**

**Discussant: Elliot C. Nelson, MD**

Associate Professor of Psychiatry

Midwest Alcoholism Research Center

Washington University School of Medicine, St. Louis, MO

4:30 – 4:45 pm

**Concluding Address**

**Kathleen K. Bucholz, PhD**

Professor of Psychiatry

Midwest Alcoholism Research Center

Washington University School of Medicine, St. Louis, MO

4:45 – 5:30 pm

**Reception in Honor of Our 10th Year**

**Meeting Organizers: Elliot C. Nelson, MD, and**

**Kathleen K. Bucholz, PhD**

The **10th Annual**  
**Guze Symposium on Alcoholism**  
 Thursday, February 18, 2010

**Registration Form**

Please return registration form with payment by **January 22, 2010.**

First Name	Middle Initial	Last Name	Professional Degree
Organization	Department		Title
Street Address	City	State	Zip Code
Phone	E-Mail		

**Work Setting (please mark all that apply):**

- ☐ Research  
☐ Alcohol ☐ Other \_\_\_\_\_  
☐ Patient Care (specialty \_\_\_\_\_)  
☐ Education  
☐ Elementary ☐ Secondary ☐ College  
☐ Other \_\_\_\_\_

Check or money order payable to: **Washington University**

Credit card payment: Card type ☐ Mastercard ☐ Visa

Name on card: \_\_\_\_\_

Signature and date (if submitted by fax or mail) \_\_\_\_\_

Card number: \_\_\_\_\_

Exp date: \_\_\_\_\_ Today's date: \_\_\_\_\_

**Admission Registration**

Fee includes continental breakfast, lunch and reception

**Registration Category** (check only one box):

- ☐ General Admission \$100  
☐ Education Attendee \$50  
 (High School: teachers, counselors, etc.)  
☐ Washington University (without lunch) no charge  
 (Compensated Staff and Faculty;  
 Students; Post-Docs and MARC Collaborators)  
☐ Lunch for Washington University employee \$10  
☐ I will be applying for a community/meeting award

**Continuing Education Registration**

Please check one and add to the registration fee (if applicable).

- ☐ 7.0 AMA CME \$60  
 Psychologists – see Accreditation section  
☐ 6.0 CEU contact hours for Social Work \$15  
☐ I am not requesting CME \$0

**Amount enclosed:** Registration \$ \_\_\_\_\_  
 CME/CEU \$ \_\_\_\_\_  
 WU Lunch (\$10) \$ \_\_\_\_\_

**Total payment enclosed:** \$ \_\_\_\_\_

**Registration deadline: January 22, 2010**

*Return registration  
 form and fee(s) to:*

Deb Hughes  
 Washington University School of Medicine  
 Campus Box 8134  
 4560 Clayton Ave., Ste. 1000  
 St. Louis, MO 63110

Phone: (314) 286-2244  
 Fax: (314) 286-2320  
 e-mail: [GuzeSymp@psychiatry.wustl.edu](mailto:GuzeSymp@psychiatry.wustl.edu) or  
 visit [www.alcoholdependence.org](http://www.alcoholdependence.org)

This is a non-refundable event.  
 Alternates are welcome if original  
 registrant is unable to attend.

**Symposium Location**

Eric P. Newman Education Center  
 320 S. Euclid Ave.  
 St. Louis, MO 63110  
[epnec.wustl.edu](http://epnec.wustl.edu)

**Hotel Information**

A block of rooms is being held in the name of  
 "The Guze Symposium" at the Parkway Hotel.  
 To receive the discounted pricing, make your  
 reservations by January 22, 2010.

The Parkway Hotel \$119  
 4550 Forest Park Blvd.  
 (314) 256-7777  
 Toll Free (866) 314-7700  
[www.theparkwayhotel.com](http://www.theparkwayhotel.com)

**Transportation**

Taxis are available at St. Louis Lambert  
 Airport (approx. \$30 each way; 1/2 hour by  
 car to the Medical Center). MetroLink lightrail  
 runs to the Medical Center (approx. \$4 each  
 way; 15-minute ride). The station is in the  
 airport; detrain at the Central West End stop.

**Parking**

Parking is available at the Metro  
 Garage (corner of Children's Place  
 and Taylor Avenue, \$8/day) or at  
 the Clayton/Taylor Garage (corner of  
 Clayton and Taylor avenues, \$5/day)  
 and take the Blue Shuttle to EPNec.  
 Please refer to Medical Center map for  
 directions to parking garages.

**Driving Directions**

At time of publication, completion  
 of construction on I-64/U.S. 40 was  
 projected for Dec. 31, 2009. However,  
 we recommend that you check  
[www.thenewi64.org](http://www.thenewi64.org) for the most  
 up-to-date information.

**FROM AIRPORT**

- I-70 east to I-170
- I-170 south to I-64/U.S. 40
- I-64/U.S. 40 east to Kingshighway
- Kingshighway north to Forest Park  
 Boulevard
- Right on Forest Park to Taylor Avenue

- Right on Taylor to Children's Place
- Right on Children's Place
- Left into Metro Garage (P sign)
- Exit garage and walk a short block west  
 on Children's Place to EPNec

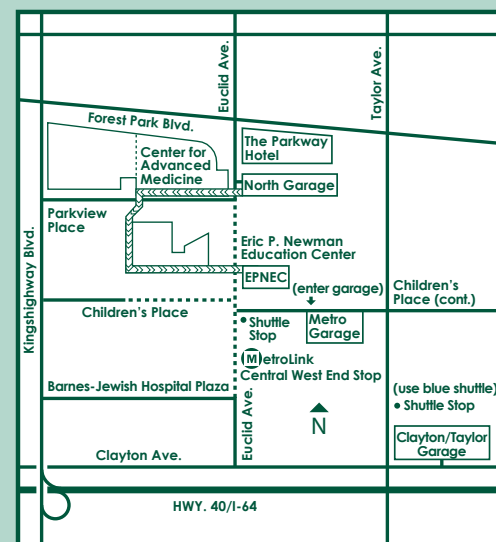
**FROM DOWNTOWN,  
 ILLINOIS AND  
 POINTS EAST**

- I-64/U.S. 40 west to Kingshighway
- Kingshighway north to Forest Park  
 Boulevard
- Right on Forest Park to Taylor Avenue
- Right on Taylor to Children's Place
- Right on Children's Place
- Left into Metro Garage (P sign)
- Exit garage and walk a short block west  
 on Children's Place to EPNec

**VIA METROLINK (LIGHTRAIL)**

- Detrain at the Central West End stop
- Ascend stairs or use elevator to Euclid  
 Avenue
- Right on Euclid to EPNec

**MEDICAL CENTER MAP**



**Legend**

- Pedestrian Walkway
- - - Closed to Traffic